Monday, 12/10/2007 12:05:20 PM Kim Johnston Usër **Process Sheet Drawing Name** : SHORT STEP ASSEMBLY Cústomer : CU-DAR001 Dart Helicopters Services Job Number : 36239 **Estimate Number** : 11999 **Part Number** P.O. Number D2351 UNDER REVIEW : 12/10/2007 S.O. No. : **Drawing Number** This Issue : N/A : NC Prsht Rev. Project Number : 11 : LARGE FAB ASSY : E First Issue Type **Drawing Revision** : 35288 Previous Run Material **Due Date** : 12/12/2007 Qty: 1 Um: Each Written By Checked & Approved By 02.10.21 Re-format; Incorporated D2351-041 IPP K Comment J/RF **Additional Product** Job Number: Seq. #: Machine Or Operation: Description: 1.0 DOCUMENT CONTROL Comment: DOCUMENT CONTROL Photocopy bluefile and type labels as per PPP D350-591-122 CHG003 Step Extrusion 2.0 Comment: Qty... Total: 0.5000 Each(s)/Unit 0.5000 Each(s) Pick: **Qty Part Number** Description Batch 0.5 D2244-116 Extrusion \$337.33 3.0 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1-Cut D2244-128 extrusion to 55.32" long as per Dwg D2351 using cutting table setup DT8185-G TURN OUER 2-Drill extrusion per Dwg D2351 using Jig DT8230 for rivets. 4.0 QC5 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP BENDING BENDING MACHINE 5.0 Comment: BENDING MACHINE Bend as per dwg

Page 1

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07.12.18	3.0	STEP IS TOO LONG WHEN INSTALLED ON MIRCRAFT	03-12-10 622 045 66. FA	SHORTEN LENGTH BY 0.375" @ 990 CUT LENGTH IS NOW S4.94" (SEE ATTACHEP PICTURES)	In	dan.12	07.12.10 PM PM	12.12.12
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Date: Monday, 12/10/2007 12:05:20 PM Kim Johnston Üser: **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: SHORT STEP ASSEMBLY Job Number: 36239 Part Number: D350591122 . Job Number: Seq. #: Description: Machine Or Operation: INSPECT WORK TO CURRENT STEP 6.0 QC5 Comment: INSPECT WORK TO CURRENT STEP 01.12.12 7.0 End Bracket Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Pick: **Qty Part Number** Description End Bracket *B29849* 1 D2850-2 8.0 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1-Bevel Fwd and Aft end for welding 2-Weld Aft End Bracket per QSI 004 & Dwg D2351 using Welding Jig DT8033 Aluminum Rod MIO5 844 3-Do not Grind Flush 9.0 QC9 VISUAL WELDING INSPECTION Comment: VISUAL WELDING INSPECTION 10.0 QC5 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP 11.0 HAND FINISHING HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 12.0 QC3 1A-12-12 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

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Monday, 12/10/2007 12:05:20 PM Date: User: Kim Johnston **Process Sheet** Drawing Name: SHORT STEP ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Job Number: 36239 Part Number: D350591122 Job Number: Seq. #: Machine Or Operation: Description: 13.0 D2582 Hi-Skid Step Leg Ass'y Comment: Qty.: 1.0000 Each(s)/Unit 1.0000 Each(s) Total: Pick: **Qty Part Number** Description Batch B 33253 1 D2582 Step Leg Assy MS20600AD4W3 14.0 Cherry Rivets Comment: Qty.: 16.0000 Each(s)/Unit Total: 16.0000 Each(s) Pick: Qty Part Number Description 16 MS20600AD4W3 Rivet 15.0 LARGE FAB 1 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1-Rivet Leg Assembly as per Dwg D2351 16.0 Comment: INSPECT WORK TO CURRENT STEP 17.0 D267334 End Plate Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Pick: **Qty Part Number** Description Batch 1 D2673-34 End Plate **332404** LARGE FAB 1 18.0 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1-Weld Fwd End Plate per QSI 004 & Dwg D2351 Aluminum Rod <u>M105058</u> 2-Grind end plate flush.

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Monday, 12/10/2007 12:05:20 PM Date: Kim Johnston Ùser: **Process Sheet** Drawing Name: SHORT STEP ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Job Number: 36239 Part Number: D350591122 Job Number: Seq. #: Description: Machine Or Operation: VISUAL WELDING INSPECTION 19.0 QC9 Comment: VISUAL WELDING INSPECTION 20.0 QC5 Comment: INSPECT WORK TO CURRENT STEP 21.0 HAND FINISHING1 pressonc - was H Touch up Alodine 22.0 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 HAND FINISHING RESOURCE # 23.0 Comment: HAND FINISHING RESOURCE #1 Wing Walk per Dwg D2351 and QSI 005 4.4 Batch: 24.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 25.0 **PACKAGING** Pick Packing Kit 26.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Pick: Packing KitQtyPart Number Description Batch ` 1 D2230-1 Mounting Lug

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Date: Monday, 12/10/2007 12:05:20 PM Ùser: Kim Johnston **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: SHORT STEP ASSEMBLY Job Number: 36239 Part Number: D350591122 Job Number: Seq. #: **Machine Or Operation:** Description: 27.0 D22303 Mounting Lug Comment: Qt.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Packing KitQtyPart Number Description Batch D\230-3 Mounting Lug 28.0 D2856400 Abrasion Strip Comment: Qty.: 0**1**6000 f(s)/Unit Total : 0.6000 f(s) Pick: Packing KilQtyPart Number Description 1 D2856-400 7.20" Abrasion Strip 29.0 AN337A Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Pick: Packing KitQtyPart Number Description Batch 2 AN3-37A 30.0 AN413A Bolt Comment: Qty.: 3.0000 Each(s)(Unit Total: 3.0000 Each(s) Packing KitQtyPart Number Description Batch 3 AN4-13a Bolt 31.0 AN960JD10 Washer Comment: Qty.: 4.0000 Each(s)/Unit **ौ**otal : 4.0000 Each(s) Pick: Packing KitQtyPart Number Description Batch 4 AN960JD10 Washer 32.0 AN960JD416 Washer Comment: Qty.: 6,0000 Each(s) 6.0000 Each(s)/Unit Total: Packing KitQtyPart Number Description \Batch 6 AN960JD416 Washer

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Monday, 12/10/2007 12:05:20 PM Date: User: Kim Johnston **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: SHORT STEP ASSEMBLY Job Number: 36239 Part Number: D350591122 Job Number: Seq. #: Description: Machine Or Operation: MS21042L 33.0 Nut Comment: Qty.: 2.0000 Each(s) Total: Pick: Packing KitQt Part Number Description Batch 2 MS21042L3 Nut (or -3) 34.0 MS21042L4 Nut Comment: Qty.: 3.0000 Each(s)/Unit Total: 3.0000 Each(s) Pick: Packing KitQtyPart Number Description Batch 3 MS21042L4 Nut (or -4) 35.0 QC4 INSPECT 100% KITS FOR COMPLETENESS Comment: INSPECT 100% KITS FOR COMPLETENESS 36.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and pack for shipping as per PPP D350-591-122 Location:_ PPP Rev: 37.0 Comment: FINAL INSPECTION/W/O RELEASE W87.12.13 Job Completion

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Ì	CHECK	(ED ALL	APPROVED /	DRAWING NO. REV. E
١		911	1	D2351 SHEET 1 OF 2
1	DATE		•	TITLE SCALE
	05.1	1.14		HIGH FLOAT STEP ASSEMBLY NTS
	Α		95.02.15	NEW ISSUE
	В		97.05.22	END CAPS CHANGED
	С		97.07.23	ADDED BUSHING AND FACING INFO
	D		98.12.17	CHANGED TO BEND, D2850 REPLACES D2357 & D2358, INCORP. DEO 9084
Ī	Ε		05.11.14	UPDATE FINISHING NOTE

D2351 HIGH FLOAT STEP ASSEMBLY PARTS LIST

Part No.	Description	QTY -041	QTY -042
D2351-041	High Float Step Assembly (LH)	Х	
D2351-042,	High Float Step Assembly (RH)		Х
D2244-55.4	STEP EXTRUSION*	1	1
D2582	STEP LEG ASSEMBLY	1	1
D2673-34	STEP END PLATE	1	1
D2850-1	END BRACKET	1	
D2850-2	END BRACKET		11
MS20600AD4W3	RIVETS	16	16

^{*}cut per drawing

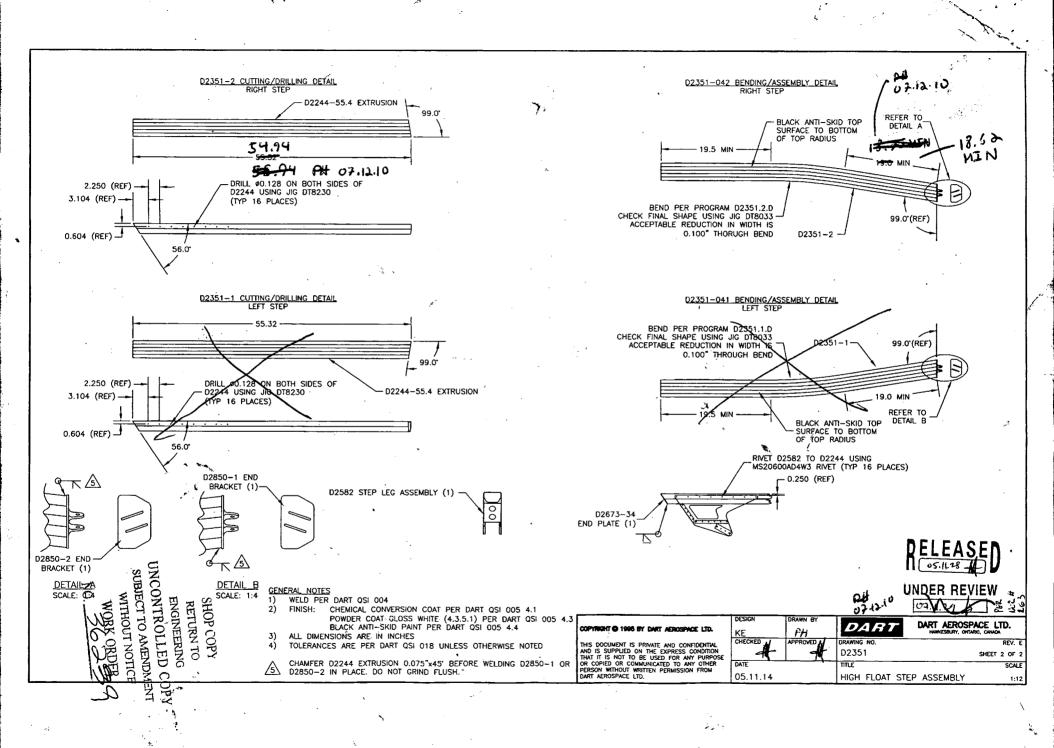
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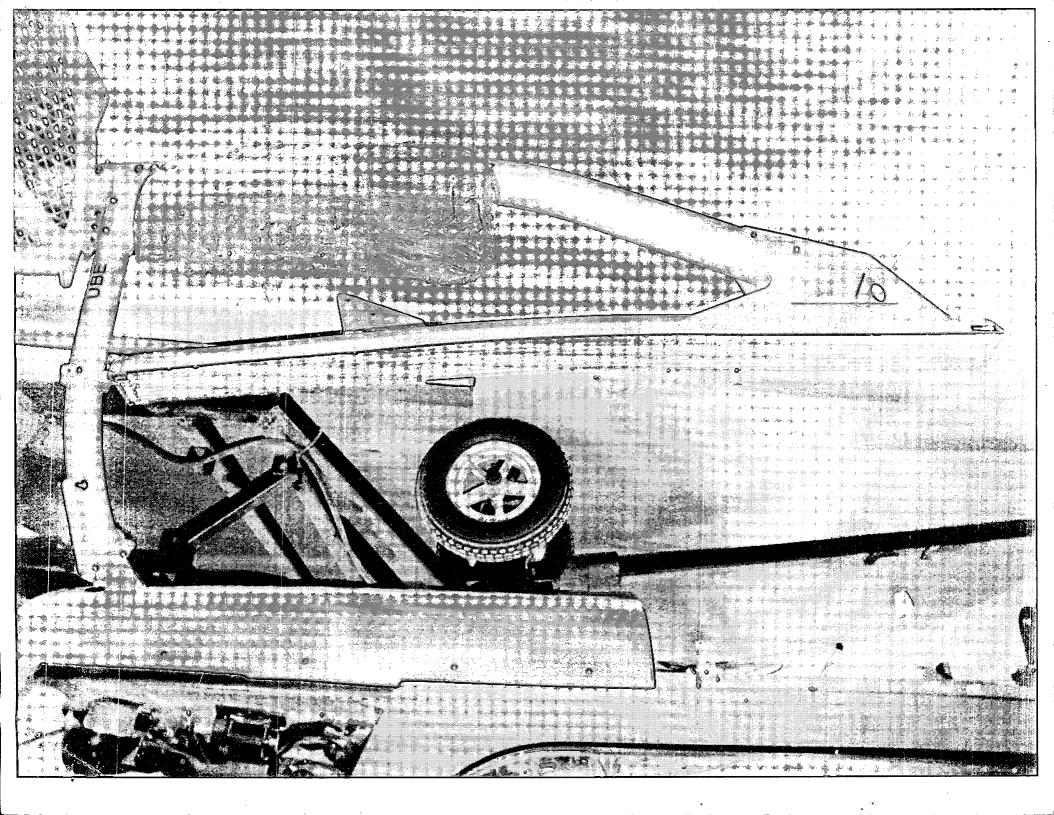
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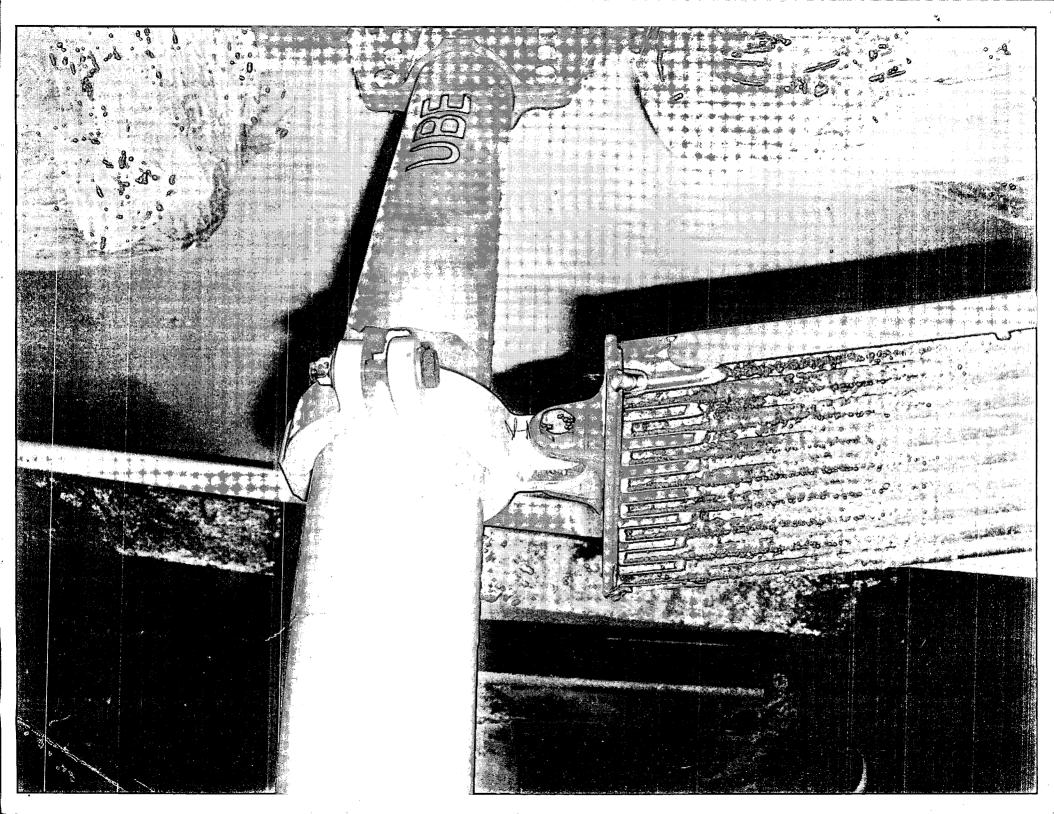
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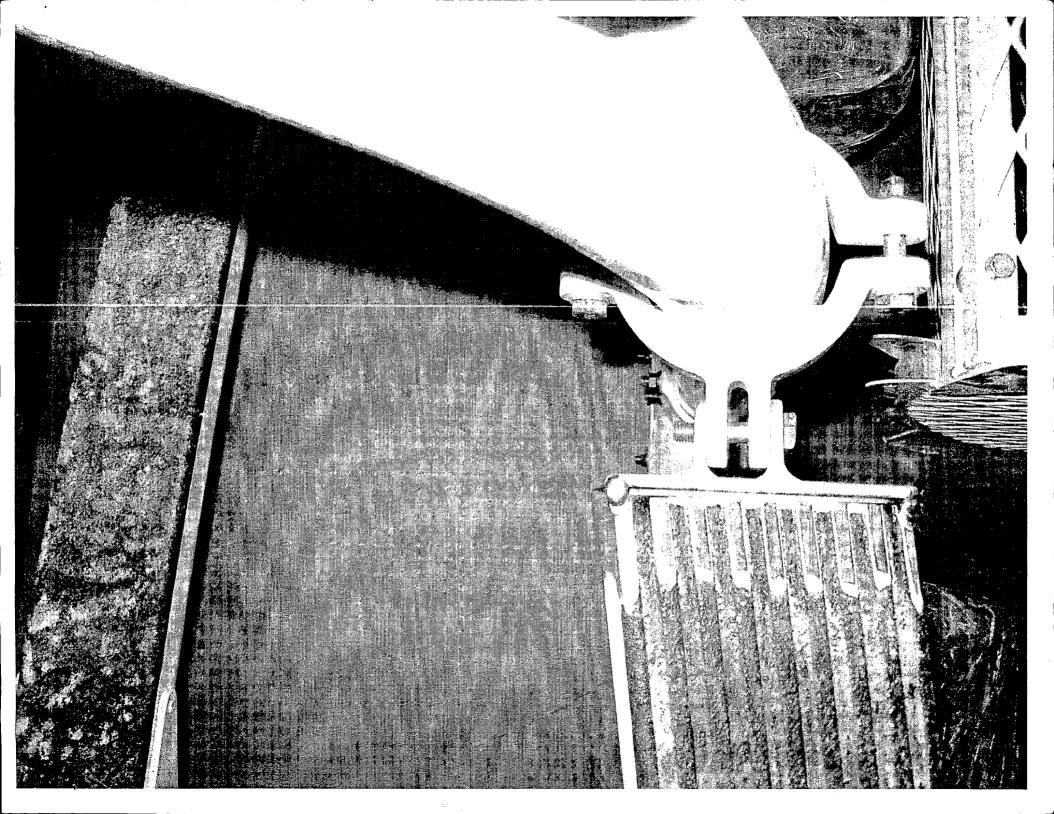
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2-Drill extrusion per Dwg D2351 using Jig DT8230 for rivets.

4.0 QC5

5.0

INSPECT WORK TO CURRENT STEP

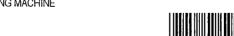


Comment: INSPECT WORK TO CURRENT STEP



BENDING MACHINE





Comment: BENDING MACHINE Bend as per dwg